

SEQUENCE LISTING

<110> Le, Junming
 Vilcek, Jan
 Daddona, Peter
 Ghrayeb, John
 Knight, David M.
 Siegel, Scott

<120> Anti-TNF Antibodies and Peptides of
 Human Tumor Necrosis Factor

<130> 0975.1005-012

<140> Not Assigned

<141> - -

<150> U.S. 08/192,093

<151> 1994-02-04

<150> U.S. 08/010,406

<151> 1993-01-29

<150> U.S. 08/013,413

<151> 1993-02-02

<150> U.S. 07/943,852

<151> 1992-09-11

<150> U.S. 07/853,606

<151> 1992-03-18

<150> U.S. 07/670,827

<151> 1991-03-18

<160> 19

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 157

<212> PRT

<213> Homo sapiens

<400> 1

Val	Arg	Ser	Ser	Ser	Arg	Thr	Pro	Ser	Asp	Lys	Pro	Val	Ala	His	Val
1				5					10					15	
Val	Ala	Asn	Pro	Gln	Ala	Glu	Gly	Gln	Leu	Gln	Trp	Leu	Asn	Arg	Arg
		20						25					30		
Ala	Asn	Ala	Leu	Leu	Ala	Asn	Gly	Val	Glu	Leu	Arg	Asp	Asn	Gln	Leu
		35					40					45			
Val	Val	Pro	Ser	Glu	Gly	Leu	Tyr	Leu	Ile	Tyr	Ser	Gln	Val	Leu	Phe
	50					55				60					
Lys	Gly	Gln	Gly	Cys	Pro	Ser	Thr	His	Val	Leu	Leu	Thr	His	Thr	Ile
65				70				75						80	
Ser	Arg	Ile	Ala	Val	Ser	Tyr	Gln	Thr	Lys	Val	Asn	Leu	Leu	Ser	Ala
			85					90						95	
Ile	Lys	Ser	Pro	Cys	Gln	Arg	Glu	Thr	Pro	Glu	Gly	Ala	Glu	Ala	Lys
			100					105						110	

Pro Trp Tyr Glu Pro Ile Tyr Leu Gly Gly Val Phe Gln Leu Glu Lys
 115 120 125
 Gly Asp Arg Leu Ser Ala Glu Ile Asn Arg Pro Asp Tyr Leu Asp Phe
 130 135 140
 Ala Glu Ser Gly Gln Val Tyr Phe Gly Ile Ile Ala Leu
 145 150 155

<210> 2
 <211> 321
 <212> DNA
 <213> Mus Balb/c

<220>
 <221> CDS
 <222> (1)...(321)

<400> 2
 gac atc ttg ctg act cag tct cca gcc atc ctg tct gtg agt cca gga 48
 Asp Ile Leu Leu Thr Gln Ser Pro Ala Ile Leu Ser Val Ser Pro Gly
 1 5 10 15
 gaa aga gtc agt ttc tcc tgc agg gcc agt cag ttc gtt ggc tca agc 96
 Glu Arg Val Ser Phe Ser Cys Arg Ala Ser Gln Phe Val Gly Ser Ser
 20 25 30
 atc cac tgg tat cag caa aga aca aat ggt tct cca agg ctt ctc ata 144
 Ile His Trp Tyr Gln Gln Arg Thr Asn Gly Ser Pro Arg Leu Leu Ile
 35 40 45
 aag tat gct tct gag tct atg tct ggg atc cct tcc agg ttt agt ggc 192
 Lys Tyr Ala Ser Glu Ser Met Ser Gly Ile Pro Ser Arg Phe Ser Gly
 50 55 60
 agt gga tca ggg aca gat ttt act ctt agc atc aac act gtg gag tct 240
 Ser Gly Ser Gly Thr Asp Phe Thr Leu Ser Ile Asn Thr Val Glu Ser
 65 70 75 80
 gaa gat att gca gat tat tac tgt caa caa agt cat agc tgg cca ttc 288
 Glu Asp Ile Ala Asp Tyr Tyr Cys Gln Gln Ser His Ser Trp Pro Phe
 85 90 95
 acg ttc ggc tcg ggg aca aat ttg gaa gta aaa 321
 Thr Phe Gly Ser Gly Thr Asn Leu Glu Val Lys
 100 105

<210> 3
 <211> 107
 <212> PRT
 <213> Mus Balb/c

<400> 3
 Asp Ile Leu Leu Thr Gln Ser Pro Ala Ile Leu Ser Val Ser Pro Gly
 1 5 10 15
 Glu Arg Val Ser Phe Ser Cys Arg Ala Ser Gln Phe Val Gly Ser Ser
 20 25 30
 Ile His Trp Tyr Gln Gln Arg Thr Asn Gly Ser Pro Arg Leu Leu Ile
 35 40 45
 Lys Tyr Ala Ser Glu Ser Met Ser Gly Ile Pro Ser Arg Phe Ser Gly
 50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Ser Ile Asn Thr Val Glu Ser
 65 70 75 80
 Glu Asp Ile Ala Asp Tyr Tyr Cys Gln Gln Ser His Ser Trp Pro Phe
 85 90 95
 Thr Phe Gly Ser Gly Thr Asn Leu Glu Val Lys
 100 105

<210> 4
 <211> 357
 <212> DNA
 <213> Mus Balb/c

<220>
 <221> CDS
 <222> (1)...(357)

<400> 4
 gaa gtg aag ctt gag gag tct gga gga ggc ttg gtg caa cct gga gga 48
 Glu Val Lys Leu Glu Glu Ser Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15
 tcc atg aaa ctc tcc tgt gtt gcc tct gga ttc att ttc agt aac cac 96
 Ser Met Lys Leu Ser Cys Val Ala Ser Gly Phe Ile Phe Ser Asn His
 20 25 30
 tgg atg aac tgg gtc cgc cag tct cca gag aag ggg ctt gag tgg gtt 144
 Trp Met Asn Trp Val Arg Gln Ser Pro Glu Lys Gly Leu Glu Trp Val
 35 40 45
 gct gaa att aga tca aaa tct att aat tct gca aca cat tat gcg gag 192
 Ala Glu Ile Arg Ser Lys Ser Ile Asn Ser Ala Thr His Tyr Ala Glu
 50 55 60
 tct gtg aaa ggg agg ttc acc atc tca aga gat gat tcc aaa agt gct 240
 Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser Lys Ser Ala
 65 70 75 80
 gtc tac ctg caa atg acc gac tta aga act gaa gac act ggc gtt tat 288
 Val Tyr Leu Gln Met Thr Asp Leu Arg Thr Glu Asp Thr Gly Val Tyr
 85 90 95
 tac tgt tcc agg aat tac tac ggt agt acc tac gac tac tgg ggc caa 336
 Tyr Cys Ser Arg Asn Tyr Tyr Gly Ser Thr Tyr Asp Tyr Trp Gly Gln
 100 105 110
 ggc acc act ctc aca gtc tcc 357
 Gly Thr Thr Leu Thr Val Ser
 115

<210> 5
 <211> 119
 <212> PRT
 <213> Mus Balb/c

<400> 5
 Glu Val Lys Leu Glu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15
 Ser Met Lys Leu Ser Cys Val Ala Ser Gly Phe Ile Phe Ser Asn His
 20 25 30

<213> Artificial Sequence

<220>

<223> PCR oligonucleotides

<400> 10

aatagatatc tccttcaaca cctgcaa

27

<210> 11

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR oligonucleotides

<400> 11

atcgggacaa agttggaaat a

21

<210> 12

<211> 16

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR oligonucleotides

<400> 12

ggcgggtctgg taccgg

16

<210> 13

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR oligonucleotides

<400> 13

gtcaacaaca tagtcatca

19

<210> 14

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR oligonucleotides

<400> 14

cacaggtgtg tccccaagga aaa

23

<210> 15

<211> 18

<212> DNA

<213> Artificial Sequence

Sequence of the gene

<220>
<223> PCR oligonucleotides

<400> 15
aatctggggt aggcacaa 18

<210> 16
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR oligonucleotides

<400> 16
agtgtgtgtc cccaagg 17

<210> 17
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR oligonucleotides

<400> 17
cacagctgcc cgcccagggtg gcat 24

<210> 18
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR oligonucleotides

<400> 18
gtcgccagtg ctccctt 17

<210> 19
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> PCR oligonucleotides

<400> 19
atcggacgtg gacgtgcaga 20